

SPECIFICATIONS:

MECHANICAL:

WETTED MATERIALS: 316 STAINLESS STEEL
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

ELECTRICAL:

ELECTRICAL CONNECTION:
 TB1: 3 POSITION TERMINAL BLOCK, 22-14 AWG Max
 TB2: 4 POSITION TERMINAL BLOCK, 20-10 AWG Max
 TB3: 2 POSITION TERMINAL BLOCK, 22-14 AWG Max
SWITCH SPECS (SWITCH AND IAW):
 TB2: TERMINALS A,B 70-240 VAC @ 10A
 (DERATE 8% PER 10°C ABOVE 21°C)
 MIN. LOAD CURRENT 150mA
 TB3: IAW OUTPUT, 7.8-50 VDC @ 100 mA Max.

INSTRUMENTS • CONTROLS • VALVES

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Louisville, KY 40213**

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www.arcoengineering.com

MODEL	TEMPERATURE RANGE	EXTENSION LENGTH	
		ft	[meter]
TR1	-40 TO 450°F/ -40 TO 232°C	6'	[1.8]
TRC	-40 TO 450°F/ -40 TO 232°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX
TH1	-40 TO 1000°F/ -40 TO 538°C	6'	[1.8]
THC	-40 TO 1000°F/ -40 TO 538°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX
TC1	-300 TO 200°F/ -184 TO 93°C	6'	[1.8]
TCC	-300 TO 200°F/ -184 TO 93°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX

ORIGINAL DATE	5-31-16
DRWN	RAM
CHKD	SR
APPD	R. McCAREY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ±1/64 2 PLACE DEC 3 PLACE DEC ANGLES ±0.010 ±0.005 ±1/2°	
DO NOT SCALE THIS DRAWING	

TITLE

**1XSWHH
REMOTE TEMP.
TRANSMITTER**

SCALE 1:2.5



**UNITED ELECTRIC
CONTROLS COMPANY**
 WATERTOWN • MASSACHUSETTS

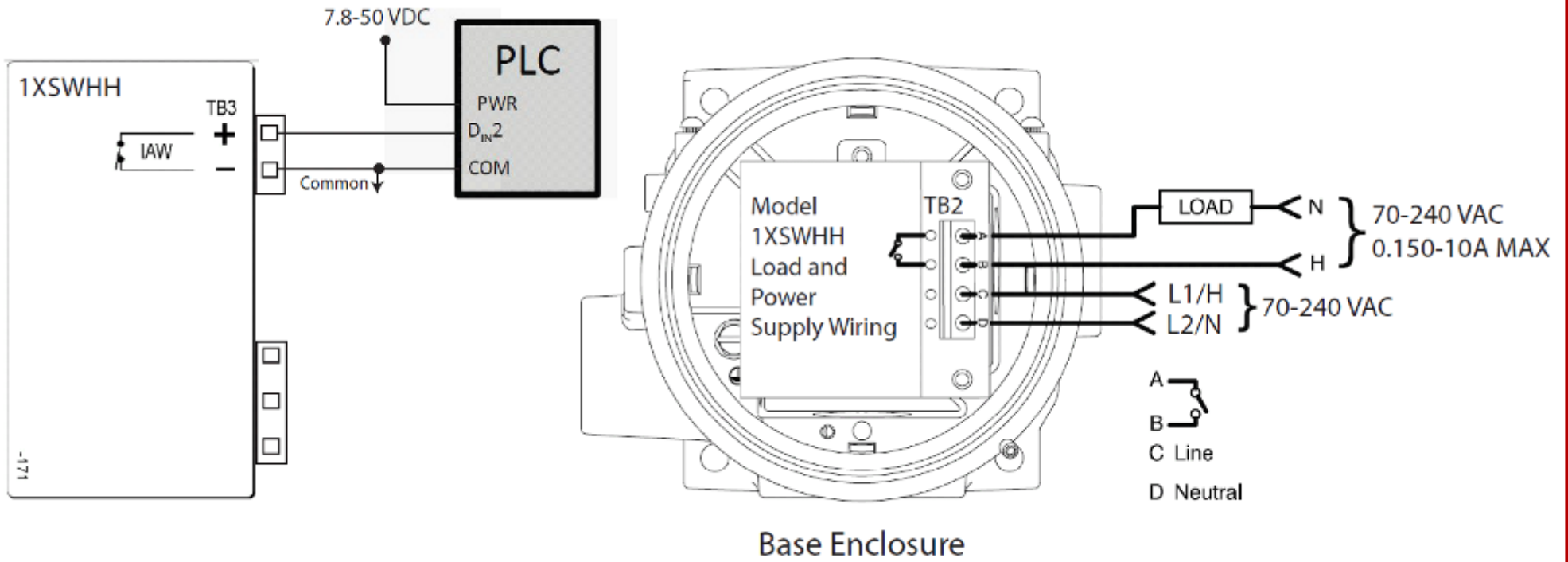
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REV.	ECN#	DESCRIPTION	DATE	DRWN	APPD
C	E5871	INCREASE RESOLUTION ON PAGE 2 OF 2	8-5-16	RAM	RAM
B	E5856	REVISED WIRING SCHEME VOLTAGE RATING: 70-240 VAC WAS 24-280 VAC, PG. 2 OF 2.	6-21-16	RAM	RCI
A	E5837	FIRST ISSUE.	5-31-16	RAM	RAM

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RECOMMENDED WIRING SCHEME



Base Enclosure

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REV.	ECN#	DESCRIPTION	DATE	DRWN	APPD
C	E5871	SEE PG. 1 OF 2.	8-5-16	RAM	RAM
B	E5856	SEE PG. 1 OF 2.	6-21-16	RAM	RCI
A	E5837	FIRST ISSUE.	5-31-16	RAM	RAM

ORIGINAL DATE	5-31-16
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON FRACTIONS ±1/64	
2 PLACE DEC	3 PLACE DEC
±0.010	±0.005
ANGLES	±1/2°
DO NOT SCALE THIS DRAWING	

TITLE	1XSWHH REMOTE TEMP. TRANSMITTER
SCALE	1:1

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